

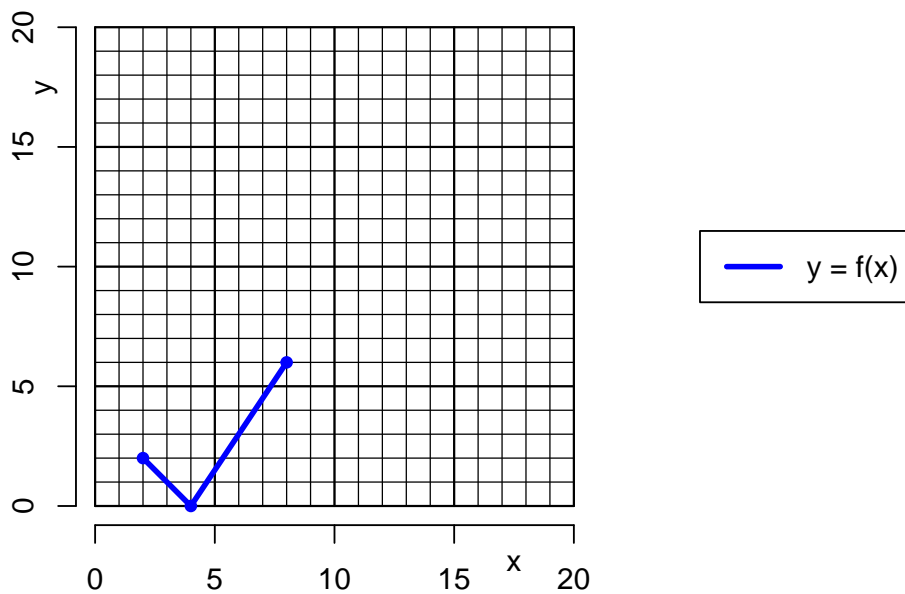
Name: _____

Date: _____

PCW_09_18 Find new points after transformation (version 34)

Question 1

Curve $y = f(x)$ contains points $(2, 2)$ and $(4, 0)$ and $(8, 6)$, as shown on the x - y plane below.

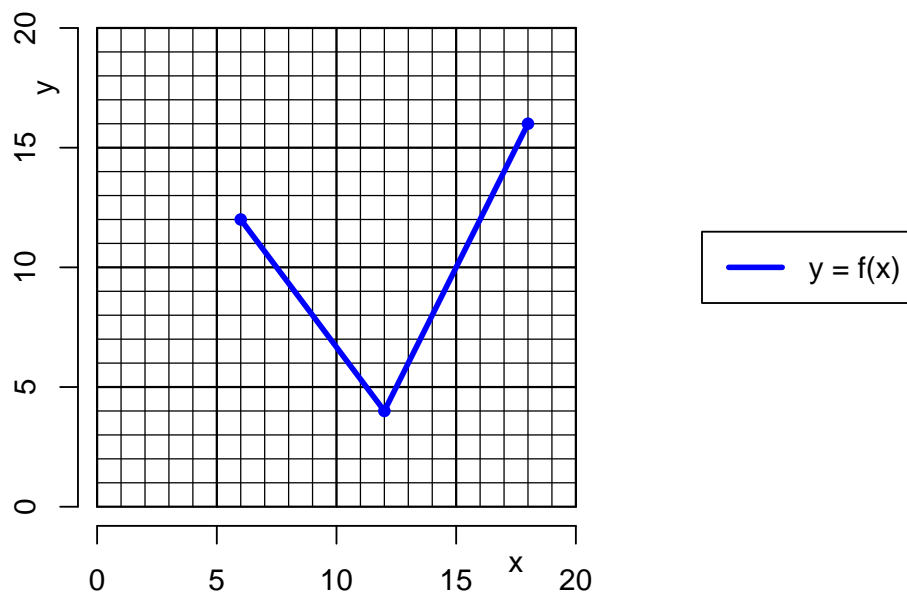


On the same plane, please draw the curve represented by the equation below:

$$y = 2 \left(f \left[\frac{x+6}{3} \right] + 4 \right)$$

Question 2

Curve $y = f(x)$ contains points $(6, 12)$ and $(12, 4)$ and $(18, 16)$, as shown on the x - y plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3x + 3] - 2}{2}$$